

PRODUCT SPECIFICATIONS

RG6BC



Description: 18AWG solid bare copper RG6/U 75Ohm coaxial cable

Ratings/Approvals: NEC Article 800&820, UL Subject 444 &1581, Type CM/CATV, C(ETL)US, RoHS Compliant

Applications: Video Display, Point-Of-Sale Terminals, Local Area Network Controls, and CATV Broadcast Applications Swept to 3.0 GHz.

CONSTRUCTION

Conductor:	18 AWG Bare Copper
Stranding:	Solid
Dielectric Material:	Cellular Polyethylene
Dielectric Core Diameter:	0.180 in. (4.572 mm.) Nominal
1st Shield:	Coaxial Shielding Tape (100% Coverage)
2nd Shield:	Aluminum Braid
Jacket Material:	Polyvinyl Chloride
Overall Cable Diameter:	0.270 in. (6.858D mm.) Nominal
Approx Cable Weight /1,000 ft.:	31 lbs.

ELECTRICAL & PHYSICAL PROPERTIES

Capacitance:	16.2pF/ft Nominal	
Velocity of propagation:	84% Nominal	
Characteristic Impedance:	75Ω Nominal	
Nominal attenuation per 100ft:	1.46 dB @ 50 MHz	7.50 dB @ 1200 MHz
	2.05 dB @ 100 MHz	8.50 dB @ 1450 MHz
	2.83 dB @ 200 MHz	9.50 dB @ 2200 MHz
	6.88 dB @ 1000 MHz	12.0 dB @ 3000 MHz
	Temperature Rating:	-10°C to 60°C